

Claims

- [1] In a cellular phone antenna engaged in an interior of a cellular phone, a cellular phone antenna, comprising:
an antenna base 10 which is engaged in an interior of a cellular phone;
an antenna 20 which is installed at the antenna base 10;
a connection terminal 30 which is connected with the antenna 20; and
a holder 40 which is attached to the antenna base 10 so that the antenna 20 and the connection terminal 20 are connected.
- [2] The antenna of claim 1, wherein said antenna 20 is provided with a metallic paste and is printed on the antenna base 10 by a silk screen method.
- [3] A manufacturing method of a cellular phone antenna, comprising:
a step S1 in which a rectangular antenna base 10 is prepared;
a step S2 in which a silk screen device 50 is provided at an upper side of the antenna base 10 for printing in a certain shape;
a step S3 in which a metallic paste is provided at the silk screen device 50;
a step S4 in which the metallic paste is printed on the upper side of the antenna base 10 in a certain shape using a spoon member 60;
a step S5 in which the metallic paste printed on the antenna base 10 is hardened and cured; and
a step S6 in which a holder 40 engaged with the connection terminal 30 is attached at the antenna base 10 so that the connection terminal 30 is connected with the antenna 20 hardened on the antenna base 10.
- [4] The method of claim 3, wherein said step for hardening and curing the metallic paste is performed using a temperature of 75°C or ultraviolet ray.